

GRAPHTEC

Improving work efficiency in pattern making

Garment Pattern Cutter

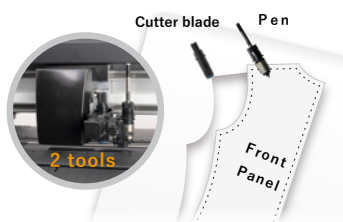
CE8000-130AP-EN

Reliable cutting / plotting quality,
Intuitive operation, Easy to use



Dual tool configuration for cutting and plotting

It holds both a pen and a blade. The pen is for plotting and detailing graded patterns with seams text, notches, grain direction, etc. The blade is to make the perforated cut of the pattern outline. The tool is automatically switched for cutting and plotting as needed, ensuring a high quality pattern and maximum productivity.

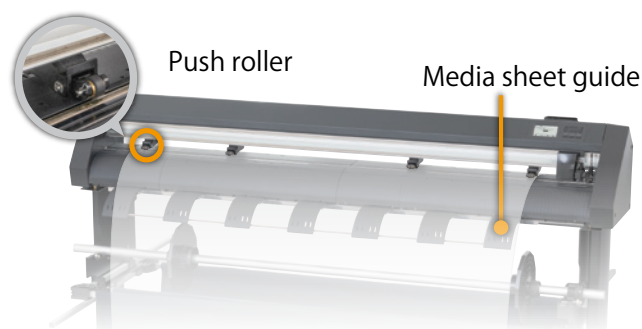


Wireless function [included as Standard]

Wireless function enables users to output via multiple personal computer and install anywhere in your office without being limited by the cable length.

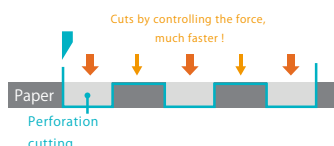
Media feeding stability [4 push rollers as standard]

Pressure of the 2 middle push rollers can be adjusted in two levels, it helps to prevent media lifting.



Enhanced speed when perforation cut

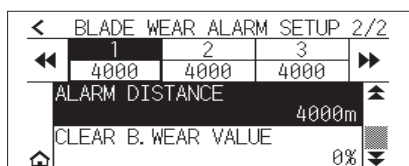
Perforation cutting is performed by controlling the cutting force instead of blade up/down movements, dramatically increasing throughput. The force is controlled by the design software using a new command.



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Blade / Pen wear level alarm function

Able to measure cutting distance of consumables such as blades and pens, and set conditions for tool replacement.



High adaptability to the operating environment

The design of the media feed system ensures that loaded media is acclimated to the ambient temperature and humidity before plotting or cutting. The user-selectable media pre-feed function sets two outer tracks, enhancing media handling. Together, these two media feed elements ensure reliable cutting and plotting quality within the desired operating environment.

Specifications	
Item	CE8000-130AP-EN
Cutter type	Roll feed
Drive system	Digital servo
Max. cutting area [W × L] [*1]	1220mm × 50m
Accuracy guaranteed cutting area [W × L] when using basket	1200mm × 3m
Mountable media width [*2]	Minimum 594mm Maximum 1321mm
Mountable roll media inside-diameter	3 inches
Mountable roll media outside-diameter	Max. 200mm
Number of push rollers	4
Max. cutting speed	600mm/s (All directions)
Cutting force	Tool holder : 4.41N [450gf] Pen holder : 2.94N [300gf]
Min. font size	5mm [0.197in.] alphanumeric Helvetica med. Font [*1]
Mechanical step size	0.005mm
Programmable step size	GP-GL: 0.1 / 0.05 / 0.025 / 0.01mm, HP-GL™[*3]: 0.025mm
Repeatability [*1]	0.1mm or less / in unit of 2m (Designated Film and Cut Conditions)
Installable number of tools	2
Pen types	Oil-based ballpoint pen, Water-based fiber-tip pen
Interface	USB2.0 [Full Speed], Wireless LAN IEEE 802.11b/g/n, Ethernet 10 BASE-T/100BASE-TX [*4]
Buffer memory	2MB
Command sets	GP-GL / HP-GL™ [*3] (Control panel switching)
Display	Touch panel [240-dot × 128-dot]
Power source	AC100V-120V / AC200V-240V, 50/60Hz(Auto switch)
Power consumption	140W or less
Operating environment	10 to 30°C, 35 to 75% R.H. (non-condensing)
Accuracy guaranteed environment	16 to 32°C, 35 to 70% R.H. (non-condensing)
External dimensions [*5] (approx. W × D × H)	1644 × 1219 × 1076mm
Weight [*5] (approx.)	45.5kg
Compatible OS [*6]	Windows 11 / 10

* This is the specialized model for high grade fine paper for apparel use.

*1 Operated with Graphtec specified cutting condition and media.

*2 Mountable media width. The minimum paper width with guaranteed accuracy is the width when the push rollers are placed on 5mm inside of both side of media. Sheet paper (cut paper) is not guaranteed.

*3 HP-GL™ is a registered trademark of Hewlett-Packard Company.

*4 This is an option provided at the factory.

*5 Stand and basket are included.

*6 Graphtec does not support software/driver used with operating systems that have become obsolete and are no longer supported by the OS developer.

⚠ California Proposition 65 WARNING

WARNING: This product can expose you to chemicals including Tetrabromobisphenol A (TBBPA), which is known to the State of California to cause cancer.

For more information, go to www.P65Warnings.ca.gov

*Brand names and product names listed in this brochure are the trademarks or registered trademarks of their respective owners.

Items mentioned are subject to change without notice. For more information about product, please check the website or contact your local representative.

⚠ Important safety instructions

Before using it, please read the user manual and then please use it properly in accordance with the description. To avoid malfunction or electric shock, please ensure ground connection and use it in specified power source.

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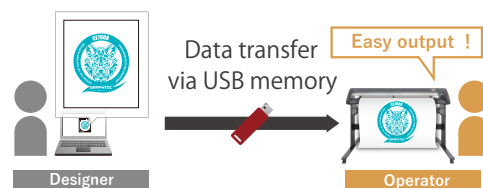
Website <https://www.graphteccorp.com>

Data output via USB flash memory without PC

USB memory reading port enables users to output data via USB flash memory without PC or dedicated software.

* The USB memory format only supports FAT32.

Please note that NTFS and exFAT are not supported.



Adopting touch panel

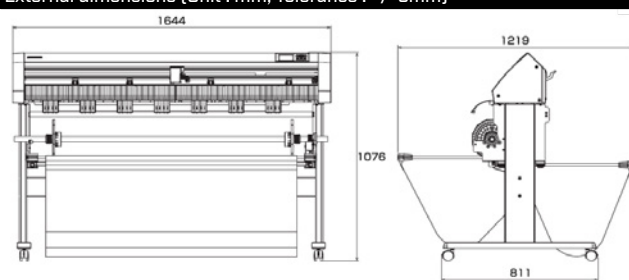
The operability has been improved by adopting touch panel.

Frequently used functions are displayed as icons. It can also be operated with mechanical keys.

Standard accessories	*Please read Cutter Blade Manual before use.
● AC power cable	● Cutter Blade (CB09UB-1P)
● Cutter Blade Holder (PHP33-09N-HS)	● Stand with Basket
● Accessory case	● Ballpoint pen holder (PM-BH-002)
● WLAN module set	● Notice
● Safety Manual	

Supplies		
Item	Part-No.	Description
Cutter plunger	PHP33-CB09N-HS	Cutter plunger for Φ0.9mm x1
	PHP33-CB15N-HS	Cutter plunger for Φ1.5mm x1
Blade	CE09UB-5	Φ0.9mm, 45°, Supersteel (for PVC film)
	CB15U-5	Φ1.5mm, 45°, Supersteel (for paper, cardboard)
Loupe	PM-CT-001	Blade loupe (for PHP33/PHP35 series)
Fiber-tip pen holder	PHP31-FIBER	x1 (compatible with KF700 series pen)
Ballpoint pen	KF700-BK	Black x10
	KF700-RD	Red x10
Ballpoint pen holder	PHP34-BALL	x1 (compatible with KB700 series ballpoint pen)
	PM-BH-002	x1 (compatible with ISO 12757-2 G2 refills)
Ball point pen refill	KB700-BK	Black x10
Cutting mat	PM-CR-015	for CE8000-130 x2
USB cable	PM-ET-001	Cable length: 2.9m x1

External dimensions (Unit : mm, Tolerance : +/-5mm)



eco RoHS compliant product



CE8000-130AP-JE11086_40